

Notice of Allowability

Application No.

09/986,148

Applicant(s)

WEBB ET AL.

Examiner

Sana Al-Hashemi

Art Unit

2164

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/27/05.
2. ☒ The allowed claim(s) is/are 1-12, 16-, 17 19-21, 33-, 35, 37, 39, 41, 43, 45, 47, and 49.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 9/12/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



CHARLES RONES
SUPERVISORY PATENT EXAMINER

DETAILED ACTION

1. This action is issued in response to applicant's amendment filed 10/27/05.
2. Claims 1-12, 16-, 17 19-21, 33-, 35, 37, 39, 41, 43, 45, 47, and 49, are amended. Claims 13-15, 18, 22-32, 34, 36, 38, 40, 42, 44, 46, 48, and 50 were cancelled. No new claims were added.
3. Claims 1-12, 16-, 17 19-21, 33-, 35, 37, 39, 41, 43, 45, 47, and 49, are allowed.

Examiner Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with :
Jeramie Keys on October 29, 2005.

The application has been amended as follows:

Please replace all the Claims with the following:

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(Previously Presented) 1. A method for database configuration migration, the method comprising:

- providing a first database having a configuration that specifies a number of data fields, a length of each data field, and a type of data for each data field;
- copying the configuration of the first database to a second database;
- receiving an instruction to hold constant the configuration of the first database;
- implementing a change in the configuration of the second database;
- storing a configuration change transaction record based at least in part on the change in the configuration of the second database;
- sending the configuration change transaction record; and
- implementing a change in the configuration of the first database based at least in part on the configuration change transaction record such that the changed configuration of the first database is the same as the changed configuration of the second database.

(Original) 2. The method of claim 1, wherein the first database includes first configuration data and a first plurality of data records.

(Original) 3. The method of claim 2, further comprising holding constant the first configuration data based at least in part on receiving the instruction to hold constant the configuration of the first database.

(Original) 4. The method of claim 3, further comprising modifying one or more of the first plurality of data records.

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(Original) 5. The method of claim 3, further comprising adding one or more data records to the first plurality of data records.

(Original) 6. The method of claim 3, further comprising deleting one or more data records of the first plurality of data records.

(Original) 7 The method of claim 1, wherein the first database includes first configuration data, a first plurality of data records, and a first audit log.

(Original) 8. The method of claim 1, wherein the second database includes second configuration data and a second plurality of data records.

(Original) 9. The method of claim 8, wherein implementing the change in the configuration of the second database includes modifying the second configuration data.

(Original) 10. The method of claim 8, wherein the second database includes a second audit log.

(Original) 11. The method of claim 10, wherein implementing the change in the configuration of the second database includes modifying the second audit log based at least in part on implementing the change in the configuration of the second database.

(Currently Amended) 12. A method for database configuration migration, the method comprising:

operating a first database and a second database, the first database including a first configuration that specifies a number of data fields, a length of each data field, and a type

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of data for each data field, the second database including a second configuration that is a copy of the first configuration;

implementing a changeing the configuration of the second database; and

storing a configuration change transaction record based at least in part on the change in the configuration of the second database;

sending the configuration change transaction record; and

changing the configuration of the first database based at least in part on the configuration change transaction record that is based on the changed configuration of the second database such that the changed first configuration is the same as the changed second configuration.

(Cancelled) 13.

(Cancelled) 14.

(Cancelled) 15.

(Currently Amended) 16. The method of claim 12, wherein storing the configuration change transaction record includes storing the configuration change transaction record on a server.

(Original) 17. The method of claim 12, further comprising holding constant the configuration of the first database prior to changing the configuration of the second database.

(Cancelled) 18.

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(Currently Amended) 19. The method of claim 18 ~~12~~, wherein the configuration change transaction record is stored in a transportable file format.

(Original) 20. The method of claim 19, wherein the configuration change transaction record is sent from a host server to a remote server, the host server coupled to the second database, the remote server coupled to the first database.

(Original) 21. The method of claim 19, wherein the configuration change transaction record is sent from a host server to a remote server, the host server coupled to the first database, the remote server coupled to the second database.

(Cancelled) 22-32.

(Currently Amended) 33. A system for database configuration migration, the system comprising:
means for operating a first database and a second database, the first database including a first configuration that specifies a first configuration having a number of data fields, a length of each data field, and a type of data for each data field, the second database including a second configuration that is a copy of the first configuration;
means for ~~implementing a change in~~ implementing a change in the configuration of the second database; and
means for storing a configuration change transaction record based at least in part on the change in the configuration of the second database;
means for sending the configuration change transaction record; and

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means for changing the configuration of the first database based at least in part on the configuration change transaction record that is based on the changed configuration of the second database such that the changed first configuration is the same as the changed second configuration.

(Cancelled) 34.

(Currently Amended) 35. The system of claim 34-33, wherein the configuration change transaction record is stored in a transportable file format.

(Cancelled) 36.

(Original) 37. The system of claim 33, further comprising means for holding constant the configuration of the first database prior to changing the configuration of the second database.

(Cancelled) 38.

(Currently Amended) 39. A method for database configuration migration, the method comprising:

a step for operating a first database and a second database, the first database including a first configuration that specifies a first configuration having a number of data fields, a length of each data field, and a type of data for each data field, the second database including a second configuration that is a copy of the first configuration;

a step for implementing a change~~ing~~ in the configuration of the second database; and

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a step for storing a configuration change transaction record based at least in part on the change in the configuration of the second database;

a step for sending the configuration change transaction record; and

a step for changing the configuration of the first database based at least in part on the configuration change transaction record that is based on the changed configuration of the second database such that the changed first configuration is the same as the changed second configuration.

(Cancelled) 40.

(Currently Amended) 41. The method of claim 40 39, wherein the configuration change transaction record is stored in a transportable file format.

(Cancelled) 42.

(Original) 43. The method of claim 39, further comprising a step for holding constant the configuration of the first database prior to changing the configuration of the second database.

(Cancelled) 44.

(Currently Amended) 45. A computer-readable medium storing a plurality of instructions to be executed by a processor for database configuration migration, the plurality of instructions comprising instructions to:

communicate with a first database and a second database, the first database including a first configuration that specifies a first configuration having a number of data fields, a length of each data field, and a type of data for each data field, the second database including a second configuration that is a copy of the first configuration;

implement a change in the configuration of the second database; and

store a configuration change transaction record based at least in part on the change in the configuration of the second database;

send the configuration change transaction record; and

change the configuration of the first database based at least in part on the configuration change transaction record that is based on the changed configuration of the second database such that the changed first configuration is the same as the changed second configuration.

(Cancelled) 46.

(Currently Amended) 47. The computer-readable medium of claim 46 45, wherein the configuration change transaction record is stored in a transportable file format.

(Cancelled) 48.

(Original) 49. The computer-readable medium of claim 45, further comprising instructions to hold constant the configuration of the first database prior to changing the configuration of the second database.

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(Cancelled) 50.

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance: the 37 CFR 1.131 was persuasive. Claims 1-are allowed.

Regarding independent claims 1, 12,33, 39, and 45, the prior art of record fails to disclose or suggest the claimed provision of: providing a first database having a configuration that specifies a number of data fields, a length of each data field, and a type of data for each data field, copying the configuration of the first database to a second database, receiving an instruction to hold constant the configuration of the first database, implementing a change in the configuration of the second database, storing a configuration change transaction record based at least in part on the change in the configuration of the second database, sending the configuration change transaction record, and implementing a change in the configuration of the first database based at least in part on the configuration change transaction record such that the changed configuration of the first database is the same as the changed configuration of the second database combined with the rest of the limitations in the independent claims, is not taught or suggested, or rendered obvious over the prior art of record or that encountered in searching the invention

The dependent claims 2-11, 16, 17 19-21, 35, 37, 41, 43, 47, and 49, being further limiting to the independent claims, definite and enabled by the Specification are also allowed.

Comments

The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. In no case may an applicant reply outside the SIX (6) MONTH statutory period or obtain an extension for more than FIVE (5) MONTHS beyond the date for reply set forth in an Office action. A fully responsive reply must be timely filed to avoid abandonment of this application.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

As allowable subject matter has been indicated, Applicant's response must either comply with all formal requirements or specifically traverse each requirement not complied with. See 37 CFR 1.111(b) and MPEP section 707.07(a).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Points of Contact

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sana Al-Hashemi whose telephone number is 571-272-4013.

The examiner can normally be reached on 8Am-4:30Pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Rones can be reached on 571-272-4085. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


CHARLES RONES
SUPERVISORY PATENT EXAMINER

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October 31, 2005